

ABSTRACT

A system that can store electronic program guide information using 3D graphics is disclosed. In a particular embodiment, a data filter and a text-to-image converter are used for converting filtered data into a set of digital images that are defined as a set of texture maps. In order to apply those texture maps, a memory analyzer analyzes the set-top box layout and indicates available memory types. The memory analyzer controls a memory distributor for distributing texture maps into the appropriate types of memory.

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